



COPY OF PAPERS  
ORIGINALLY FILED

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In re App. 2001-0118 Koren, et al.

Attorney Docket No.: AGX-41

Serial No.: 09/747,522

Date: May 1, 2002

Filed: December 21, 2000

Art Unit: 2881

Confirmation No.: 9990

Our Account No.: 04-1403

Title: Heating Configuration for Use In Thermal Processing Chambers

Commissioner for Patents  
U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir,

The following is an Information Disclosure Statement for the captioned patent application, pursuant to 37 CFR Sections 1.56, 1.97, and 1.98.

1. ☒ Attached hereto is:

- a. ☒ A list of materials for consideration per Rule 98(a)(1): 2 page(s)
- b. ☒ A legible copy of each patent, publication, or other item listed per Rule 98(1)(2), unless not required per Rule 98(c) and/or (d) and as indicated on the attached list(s):  
12 item(s)
- c. ☐ For each non-English language item listed, pursuant to Rule 98(a)(3), a concise explanation of the relevance thereof as it is presently understood by the individual designated in Rule 56(c) most knowledgeable about the content of such items: Such explanation is provided in the Search Report from a corresponding application enclosed herewith, along with its translation into English.

2. ☒ This Information Disclosure Statement is being filed [CHECK ONE]:

- a. ☒ WITHIN THREE MONTHS of the application filing date or national stage date of entry OR BEFORE the mailing date of a first Office Action on the merits, which ever event occurs last, WHEREFORE per Rule 97(b) NO filing fee or Rule 97(e) certificate is required.
- b. ☐ AFTER the time periods of section 2.a above, but BEFORE a Final Action, Notice of Allowance OR action that otherwise closes prosecution, WHEREFORE PER Rule 97(c) submitted herewith is [CHECK ONE]:
  - i. ☐ Certification per Rule 97(e); OR
  - ii. ☐ Filing Fee per Rule 17(p) ..... \$180.00
- c. ☐ AFTER a Final Action OR Notice of Allowance, but BEFORE payment of the issue fee, WHEREFORE per Rule 97(d) submitted herewith is:
  - i. ☐ Certification per Rule 97(e); AND
  - ii. ☐ Filing fee per Rule 17(p) ..... \$180.00

3. ☐ Rule 97(e) Certification; per Rule 97(e), the undersigned certifying party make the following certification statement [CHECK ONE]:

- a. ☐ That each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; OR
- b. ☐ That no item of information contained in this Information Disclosure Statement was first cited in a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making a reasonable inquiry, was known to any individual designated in Rule 56(c) more than three months prior to the filing of this statement.

CERTIFYING PARTY (if different from bottom signature; omission here indicates that certification is being made by signer per signature below).

Name: \_\_\_\_\_  
Address: \_\_\_\_\_

Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

4.[X] DEPOSIT ACCOUNT AUTHORIZATION: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any fees in addition to the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (deficiency only) now or hereafter relative to this application and the resulting official document under Rule 20, or credit any overpayment, to our Account No. shown in the heading hereof for which purpose a duplicate copy of this sheet is attached. This statement does not authorize charge of the issue fee in this case.

5.[X] CERTIFICATE OF MAILING: This Information Disclosure Statement is being filed pursuant to [CHECK AND COMPLETE ONE]:

a.[X] First Class Mail Certificate of Mailing under Rule 8:

I hereby certify that this correspondence and any referenced attachment and/or fee are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, U.S. Patent and Trademark Office, Washington, D.C. 20231, on May 1, 2002

Yolande R. Cook

(Typed/printed name of person mailing paper or fee)

Yolande R. Cook

(Signature of person mailing paper or fee)

b.[ ] "Express Mail" Certificate under Rule 10:

"Express Mail" - Label No. \_\_\_\_\_

Date of Deposit \_\_\_\_\_

I hereby certify that this paper and all attachments and any fee are being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patent, U.S. Patent and Trademark Office, Washington, D.C. 20231.

\_\_\_\_\_  
(Typed/printed name of person mailing paper or fee)

\_\_\_\_\_  
(Signature of person mailing paper or fee)

ADDRESS:

Post Office Box 1449  
Greenville, South Carolina 29602  
Telephone: 864-271-1592  
Facsimile: 864-233-7342

DORITY & MANNING, P.A.

By: Christina L. Mangelsen, Patent Agent

Reg. No.: 50,244

Signature: Christina L. Mangelsen

Date: May 1, 2002

COPY OF PAPERS  
ORIGINALLY FILED

(Rev. 5/92) Supplemental Information Disclosure Statement List By Applicant Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)	Attorney Docket Number	Serial Number
	AGX-41	09/747,522
	Applicant	
	Koren, et al.	
	Filing Date	Group
	December 21, 2000	2881
	Confirmation No. 9990	

## NOTE:

If no indication is made in the column marked "COPY NOTE;" the required legible copy of the corresponding item is submitted herewith; otherwise, a copy is not required and/or not submitted, for the following reason(s) [corresponding reason number is listed in "COPY NOTE" column]"

- (1) This item is cumulative, per Rule 98(c).
- (2) A copy of this item was previously cited by or submitted to the U.S. Patent and Trademark Office in:  
 USSN \_\_\_\_\_, filed \_\_\_\_\_, or  
 USSN \_\_\_\_\_, filed \_\_\_\_\_;  
 Relied on under 35 U.S.C. Section 120, per Rule 98(d)
- (3) Both reasons (1) and (2) apply
- (4) No legible complete copy is possessed, in custody of controlled, readily available

RECEIVED  
MAY 14 2002  
2800 MAIL ROOM

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	PATENTEE NAME	PATENT NUMBER								ISSUE DATE	COPY NOTE
9/8	Dausinger, et al.	4	4	1	4	0	3	8		11/08/83	
	Itzkan	4	4	6	8	2	7	9		08/28/84	
	Maruyama	4	5	4	7	6	5	1		08/15/85	
	Griner, et al.	4	7	8	0	5	9	0		08/25/88	
	Dobson, et al.	4	9	5	9	2	4	5		09/25/90	
	Fair, et al.	5	3	3	6	6	4	1		08/09/94	
	Fair, et al.	5	5	2	3	2	6	2		06/04/96	
	Gallo, et al.	5	8	8	6	3	2	0		03/23/99	
	Dulaney, et al.	5	9	1	1	8	9	0		06/15/99	
9/8	Sogard	5	9	5	4	9	8	2		09/21/99	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	COUNTRY	DOCUMENT NUMBER	PUBLICATION DATE	TRANSLATION			COPY NOTE
				YES	NO	N/A	

\*"NO" means that no copy of an English language translation is within the possession, custody, or control of, or is readily available to any individual designated in Rule 56(c)

(Rev. 5/92) Supplemental Information Disclosure Statement List By Applicant Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)	Attorney Docket Number AGX-41	Serial Number 09/747,522
	Applicant Koren, et al.	
	Filing Date December 21, 2000 Confirmation No. 9990	Group 2881

34	Luk'yanchuck. Sov. J. Quantum Electro. 9(10), Oct. 1979		
EXAMINER	Shawntina Inguar		DATE CONSIDERED 2/20/04
Examiner: initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.			



GAU 2881

THE UNITED STATES PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

In re Application of: Koren, et al.  
Serial No.: 09/747,522  
Filed: December 21, 2000  
Confirmation No.: 9990  
Title: Heating Configuration for Use In Thermal Processing Chambers

Attorney Docket No.: AGX-41  
Date: April 2, 2001  
Art Unit: 2881  
Our Account No.: 0451403

Commissioner for Patents  
U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

The following is an Information Disclosure Statement for the captioned patent application, pursuant to 37 CFR Sections 1.56, 1.97, and 1.98.

1. [X] Attached hereto is:

- a. [X] A list of materials for consideration per Rule 98(a)(1):    page(s)
- b. [X] A legible copy of each patent, publication, or other item listed per Rule 98(1)(2), unless not required per Rule 98(c) and/or (d) and as indicated on the attached list(s):  
  25   item(s)
- c. [ ] For each non-English language item listed, pursuant to Rule 98(a)(3), a concise explanation of the relevance thereof as it is presently understood by the individual designated in Rule 56(c) most knowledgeable about the content of such items: Such explanation is provided in the Search Report from a corresponding application enclosed herewith, along with its translation into English.

2. [X] This Information Disclosure Statement is being filed [CHECK ONE]:

- a. [X] WITHIN THREE MONTHS of the application filing date or national stage date of entry OR BEFORE the mailing date of a first Office Action on the merits, which ever event occurs last, WHEREFORE per Rule 97(b) NO filing fee or Rule 97(e) certificate is required.
- b. [ ] AFTER the time periods of section 2.a above, but BEFORE a Final Action, Notice of Allowance OR an action that otherwise closes prosecution, WHEREFORE PER Rule 97(c) submitted herewith is [CHECK ONE]:
  - i. [ ] Certification per Rule 97(e); OR
  - ii. [ ] Filing Fee per Rule 17(p) .....\$180.00
- c. [ ] AFTER a Final Action OR Notice of Allowance, but BEFORE payment of the issue fee, WHEREFORE per Rule 97(d) submitted herewith is:
  - i. Certification per Rule 97(e); AND
  - ii. Filing fee per Rule 17(p) .....\$180.00

3. [ ] Rule 97(e) Certification; per Rule 97(e), the undersigned certifying party make the following certification statement [CHECK ONE]:

- a. [ ] That each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; OR
- b. [ ] That no item of information contained in this Information Disclosure Statement was first cited in a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making a reasonable inquiry, was known to any individual designated in Rule 56(c) more than three months prior to the filing of this statement.

CERTIFYING PARTY (if different from bottom signature; omission here indicates that certification is being made by signer per signature below).

Name: \_\_\_\_\_  
Address: \_\_\_\_\_

Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

4.[X] DEPOSIT ACCOUNT AUTHORIZATION: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any fees in addition to the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (deficiency only) now or hereafter relative to this application and the resulting official document under Rule 20, or credit any overpayment, to our Account No. shown in the heading hereof for which purpose a duplicate copy of this sheet is attached. This statement does not authorize charge of the issue fee in this case.

5.[X] CERTIFICATE OF MAILING: This Information Disclosure Statement is being filed pursuant to [CHECK AND COMPLETE ONE]:

a.[X] First Class Mail Certificate of Mailing under Rule 8:



I hereby certify that this correspondence and any referenced attachment and/or fee are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, U.S. Patent and Trademark Office, Washington, D.C. 20231, on April 2, 2001.

Christy Kellett

(Typed/printed name of person mailing paper or fee)

Christy Kellett

(Signature of person mailing paper or fee)

b.[ ] "Express Mail" Certificate under Rule 10:

"Express Mail" - Label No. \_\_\_\_\_

Date of Deposit \_\_\_\_\_

I hereby certify that this paper and all attachments and any fee are being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patent, U.S. Patent and Trademark Office, Washington, D.C. 20231.

\_\_\_\_\_  
(Typed/printed name of person mailing paper or fee)

\_\_\_\_\_  
(Signature of person mailing paper or fee)

ADDRESS:

Post Office Box 1449  
Greenville, South Carolina 29602  
Telephone: 864-271-1592  
Facsimile: 864-233-7342

DORITY & MANNING, P.A.

By: Timothy A. Cassidy

Reg. No.: 38,024

Signature: [Signature]

Date: April 2, 2001

(Rev. 5/92) Information Disclosure Statement List By Applicant Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)	Attorney Docket Number	Serial Number
	AGX-41	09/747,522
	Applicant	
	Koren, et al.	
	Filing Date	Group
	December 21, 2000	2881
	Confirmation No. 9990	



## NOTE:

If no indication is made in the column marked "COPY NOTE," the required legible copy of the corresponding item is submitted herewith; otherwise, a copy is not required and/or not submitted, for the following reason(s) [corresponding reason number is listed in "COPY NOTE" column]

- (1) This item is cumulative, per Rule 98(c)
- (2) A copy of this item was previously cited by or submitted to the Patent and Trademark Office in:  
     USSN \_\_\_\_\_, filed \_\_\_\_\_, or  
     USSN \_\_\_\_\_, filed \_\_\_\_\_;  
     Relied on under 35 U.S.C. Section 120, per Rule 98(d)
- (3) Both reasons (1) and (2) apply
- (4) No legible complete copy is possessed, in custody of controlled, or readily available
- (5)

U.S. PATENT DOCUMENTS												
EXAMINER INITIALS	PATENTEE NAME	PATENT NUMBER							ISSUE DATE	COPY NOTE		
SJS	Mahawili	4	5	5	0	6	8	4	11/05/85			
	Gronet, et al.	5	1	5	5	3	3	6	10/10/92			
	Moslehi, et al.	5	2	5	5	2	8	6	10/19/93			
	Gronet, et al.	5	3	1	7	4	9	2	05/31/94			
	Moslehi, et al.	5	3	1	7	6	5	6	05/31/94			
	Moslehi	5	4	3	6	1	7	2	07/25/95			
	Moslehi, et al.	5	4	4	6	8	2	5	08/29/95			
	Gronet, et al.	5	4	8	7	1	2	7	01/23/96			
	McDiarmid, et al.	5	4	9	3	9	8	7	02/27/96			
	Gronet, et al.	5	6	8	3	1	7	3	11/04/97			
	Gronet, et al.	5	6	8	9	6	1	4	11/18/97			
	Gronet, et al.	5	7	4	3	6	4	3	04/28/98			
	Paranjpe	5	7	6	2	7	1	3	06/09/98			
	Gronet, et al.	5	7	6	7	4	8	6	06/16/98			
	Gronet, et al.	5	7	9	0	7	5	1	08/04/98			
	Mahawili	5	8	1	4	3	6	5	09/29/98			
	Gronet, et al.	5	8	4	0	1	2	5	11/24/98			
	Kaltenbrunner, et al.	5	8	6	1	6	0	9	01/19/99			
SJS	Gronet, et al.	6	0	1	6	3	8	3	01/18/00			
	Gronet, et al.	6	1	2	2	4	3	9	09/19/00			

FOREIGN PATENT DOCUMENTS															
EXAMINER INITIALS		COUNTRY	DOCUMENT NUMBER							PUBLICATION DATE	TRANSLATION			COPY NOTE	
											YES	NO	N/A		
SJS ↓ SJS		EPO	0	8	1	1	7	0	9	A2	12/10/97				
		EPO	0	8	1	1	7	0	9	A3	08/12/98				
		EPO	0	8	2	1	0	8	4	A1	01/28/98				
		PCT	W	0	9	8	5	2	2	14	11/19/98				
		PCT	W	0	9	9	5	8	7	33	11/18/99				

\*\*NO means that no copy of an English language translation is within the possession, custody, or control of, or is readily available to any individual designated in Rule 56(c)



(Rev. 5/92) Information Disclosure Statement List By Applicant Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)	Attorney Docket Number AGX-41	Serial Number 09/747,522
	Applicant Koren, et al.	
	Filing Date December 21, 2000 Confirmation No. 9990	Group 2881

EXAMINER INITIALS	OTHER DOCUMENTS Specify author (if any), Title, Pertinent Pages, Date & Place of Publication	COPY NOTE
EXAMINER	<i>Shavittina Lujan</i>	DATE CONSIDERED <i>3/20/04</i>
Examiner:	initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.	

RECEIVED  
APR - 6 2001  
TO 2800 MAIL ROOM